HQB
headquartersbulletin
The NASA Headquarters News Source
April 1, 2002

Administrator Racks Up Frequent-Flier Miles in Whirlwind Tour

NASA Administrator Sean O'Keefe reported for duty the first week of January, immediately embarking on a whirlwind Center tour that had him crisscrossing the country to share his plans for the Agency and his perceptions of the challenges ahead. At each site he toured the plant, checked out various labs and simulators, and engaged the employees in "town hall" meetings.

The day the White House sent the fiscal 2003 Federal budget to Capitol Hill, O'Keefe unveiled the NASA budget proposal at a press conference in Washington, meeting beforehand with Headquarters staff to offer his observations on the Agency's current situation and later fielding press questions spanning enterprise activities. He used the forum to outline the President's Management Agenda and discuss NASA's "report card" from the Office of Management and Budget on five agenda initiatives. "Room for improvement" was the message across Federal agencies according to O'Keefe.

The Administrator joined the rest of the nation in marking the 40th anniversary of John Glenn's historic 1962 space flight, when the former U.S. senator, tucked inside his cramped Friendship 7 Mercury capsule, became the first American to orbit the Earth. O'Keefe and Senator Glenn chatted with the Expedition Four crew, currently circling the planet aboard the International Space Station, after two of the crew wrapped up a more-than-six-hour spacewalk to double-check systems of the station's Quest Airlock.

Administrator O'Keefe defended the NASA budget proposal before the House authorizing committee, calling it a "well-balanced and progressive budget" that "reflects the Administration's commitment to NASA's core research efforts and its fundamental mandate to advance aeronautics and aerospace science and technology." He spoke of his pride – and humility – at having the opportunity to lead NASA and its people, whom he called the "crown jewels" of the Agency.

The Administrator, surrounded by his family, bid "bon voyage" and "Godspeed" to *Columbia* and her crew as they thundered skyward on what some in the press came to call the Hubble Space Telescope "makeover mission." Attending his first shuttle launch as NASA Administrator, O'Keefe expressed awe at his close-up look at the work of the launch and mission teams, saying they made it all "look easy." He also declared the mission a fitting showcase for the unique capabilities of the Space Shuttle system – carrying a crew into space to refurbish a national treasure that has rewritten textbooks and returning the crew safely to begin training for their next assignments.

inside:

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Exchange Council News

Exchange Store Update:

Due to the September 11 event, the loss of revenue from Vendors, and other Exchange activities, the Store inventory has diminished. The Exchange Council is in the process of restocking with new items and welcomes your suggestions and support as they start to rebuild the store. To submit your ideas, contact Darwina Marks, 358-0989, or e-mail: **store_suggestions@hq.nasa.gov**

Business Cards are available for employees or contractors. For details, call Karen White, 358-1056.

Discounted tickets to Kings Dominion are available in the Exchange Store. “Early Bird Tickets” to Six Flags will be available on April 8.

Vendors have returned to the west lobby Monday through Thursday, 10 a.m.-2 p.m.

Upcoming Events:

NASA HQ Spring Golf Tournament on May 3, at Andrews Air Force Base, begins at 9:30 a.m. The price per player is $65 before April 28 and includes green fees, cart, lunch, and drink tickets on the course. Contact Chris Jedrey, 358-0483, **cjedrey@hq.nasa.gov** or Gary Gaukler, 358-1013, **ggaukler@hq.nasa.gov**

NASA HQ/GSFC Picnic is scheduled Saturday, June 15, 12 noon-4 p.m., at the GSFC Recreation Center.

***HQ Bulletin* Submission Deadline**
Articles must be submitted by close of business Tuesday, April 16, to be considered for the May 6, 2002, edition of the HQ Bulletin. For the publication schedule, see *www.hq.nasa.gov/hq/infocom/bullsched.htm*

STS-110 To Install S-Zero Truss on Space Station

Space Shuttle *Atlantis* with its crew of seven will continue the expansion of the International Space Station on STS-110 (ISS assembly mission 8A) with the installation of the S0 (S-Zero) Truss, a section of framework that eventually will hold the power and cooling systems needed for future international research laboratories. STS-110 is currently scheduled for launch between 2 p.m. and 6 p.m. on April 4. It is the first mission where NASA will not publicly disclose the shuttle launch window until 24 hours before liftoff.

STS-110 will be one of the most complex station assembly flights to date. It will include four space walks and operations with both the shuttle's robotic arm and the station's robotic arm. The station's Canadarm2 robotic arm will be used exclusively to hoist the 13-ton truss section, from *Atlantis* and attach it to the station.

The astronauts will also set up the first space railroad when they deliver and install a railcar, called the Mobile Transporter, on an initial 43-foot section of track. Once installed, the space train will have its inaugural run during the mission. With additional deliveries of track, the rail line eventually will stretch almost 100 yards, serving as a mobile base for Canadarm2 to ride along the truss performing assembly and maintenance work on the station.

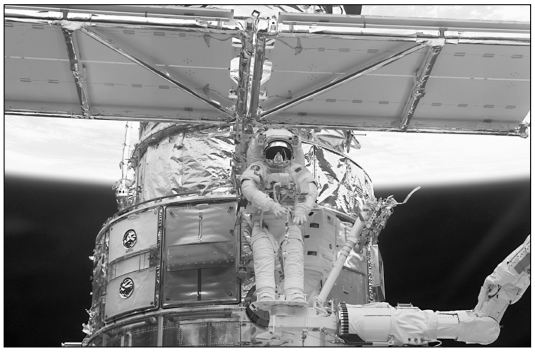
For details on STS-110, see **spaceflight.nasa.gov**

The STS-110 crew (l to r, front) Astronauts Stephen N. Frick, pilot; Ellen Ochoa, flight engineer; and Michael J. Bloomfield, mission commander; (back) Astronauts Steven L. Smith, Rex J. Walheim, Jerry L. Ross, and Lee M.E. Morin, all mission specialists.

STS-108 and Expedition Three Crews Visit HQ

During a March 21 presentation of mission highlights for Headquarters employees, (l to r) Administrator Sean O'Keefe welcomes Expedition Three commander Frank Culbertson and the STS-108 crew: commander Dominic Gorie, pilot Mark Kelley, and mission specialists Linda Godwin and Daniel Tani.

Columbia Returns, Leaving Hubble Better Than Ever



The Space Shuttle *Columbia* and its STS-109 crew returned to Earth on March 12, after successfully completing a mission to service the Hubble Space Telescope. Columbia's astronauts installed a new power unit, an advanced camera, and improved solar arrays on the telescope, giving it the capability to generate more power and "see" farther than ever.

To complete their complex servicing tasks, the STS-109 astronauts performed a series of five spacewalks over 5 days. Mission specialists John Grunsweld and Richard Linnehan conducted the mission's first, third, and fifth space walks while mission specialists James Newman and Michael Massimino performed the second and fourth.

While the spacewalkers worked outside, crewmates inside *Columbia* provided assistance. Mission Specialist Nancie Currie operated the shuttle's robot arm with Commander Scott Altman as backup. Pilot Duane Carey and Altman documented the servicing activities on video and still cameras.

"Hubble" continued on page 5

Blast Off to the International Space Station This Spring!

NASA and IMAX are pleased to present a new IMAX adventure, the first feature-length cinematic journey chronicling life in zero gravity aboard the new International Space Station. Space Station 3D tracks the International Space Station's dramatic transformation from a 70-ton foothold in space to a 150-ton, fully autonomous, permanently staffed research complex.

Directed and filmed completely in space by astronauts and cosmonauts using specially designed 3D cameras, this dramatic footage is narrated by Tom Cruise. There's never been a better opportunity to experience everyday life on the new station, 250 miles above the Earth, orbiting at 17,500 mph.

You'll witness gripping images of spacewalks and robotic operations as the Space Station is constructed in the vast vacuum of space. And, you'll share the tensions and triumphs of the men and women who inhabit the most sophisticated and most powerful spacecraft ever built—humanity's home away from home.

Departures to Space Station 3D will begin with the world premiere in Washington, DC, at the National Air and Space Museum on April 17. The film will be shown daily at IMAX theaters across the country later this spring.

Photo credits: NASA

Creation of Space Station 3D was made possible through a Space Act Agreement between NASA and IMAX Space Ltd., a wholly owned subsidiary of IMAX Corporation. This film is presented by Lockheed Martin Corporation.

For more information and a film preview, visit the IMAX Web site at **www.imax.com/films/production/index.html#**

Gregory Named AA for Space Flight

NASA Administrator Sean O'Keefe has named Frederick D. Gregory as the Associate Administrator for Space Flight, placing him permanently in charge of the Agency's Human Exploration and Development of Space Enterprise.

Gregory, 61, has served as Acting Associate Administrator for the office since December, when he replaced Joseph H. Rothenberg, who retired.

"I am pleased Fred agreed to make this commitment to what is one of the most important positions within NASA," said Administrator O'Keefe. "He brings great experience and leadership to this office, and his commitment to safety is vital as our human spaceflight program moves forward."

Previously, Gregory was the Associate Administrator for Safety and Mission Assurance. The veteran astronaut was the senior executive responsible for the safety and reliability of all NASA programs.

Gregory was selected as an astronaut in 1978, after a distinguished career with the U.S. Air Force. He logged nearly 7,000 hours in 50 types of aircraft, including 550 combat missions over Vietnam.

At NASA, Gregory logged more than 455 hours in space during three Space Shuttle missions. In 1985, he served as pilot on board *Challenger* during STS-51B. Gregory was mission commander for STS-33 in 1989 and STS-44 in 1991.

Kicza Heads Biological and Physical Research

Effective March 11, Mary E. Kicza, became Associate Administrator for the Office of Biological and Physical Research (OBPR). Kicza previously served as Associate Director of the Goddard Space Flight Center and Associate Director for Space Science Programs at Goddard.

Administrator Sean O'Keefe praised Kicza's extensive management experience. "For two decades, Mary has managed an extremely diverse scientific community. She has the leadership skills and the management expertise to bring NASA's fields of physics, chemistry, and biology together into a truly dynamic and successful program."

Kicza will manage an office dedicated to conducting exploration of space, and to taking advantage of the space environment as a laboratory for scientific, technological, and commercial research.

Kicza began her NASA career in 1982 at the Kennedy Space Center as test coordinator and systems engineer for the Atlas Centaur and Shuttle Centaur launch systems. From 1992 to 1994, she was both Deputy Director, Solar System Exploration Division and Program Manager for the Discovery Program in the Office of Space Science (OSS). From 1994 to 1996, she was Assistant Associate Administrator for Technology, OSS.

She replaces Dr. Kathie Olsen, who served as Acting Associate Administrator for OBPR.

"Hubble" continued from page 4

The upgraded equipment provided by STS-109, will enhance the health and capabilities of the spacecraft for years to come. The new Power Control Unit, which replaced the original unit, will allow astronomers to take full advantage of the additional power generated by the new solar arrays. The newly installed Advanced Camera for Surveys (ACS), which includes three electronic cameras, is expected to enhance Hubble's vision ten fold and improve the telescope's ability to search for galaxies and clusters of galaxies in the early universe. The new, rigid solar arrays, will generate 20 percent more power, enough power to last the rest of its operational life.

Astronauts also replaced one of four reaction wheel assemblies, part of Hubble's pointing control system. They also retrofitted an existing but dormant instrument called the Near Infrared Cameraand Multi-Object Spectrometer (NICMOS) with a new experimental cooling system to revive its infrared vision.

Pastorek Appointed General Counsel

Administrator O'Keefe appointed Paul Pastorek as NASA's General Counsel. He replaces Edward A. Frankle, who retired in December.

Pastorek's principal responsibility will be to serve in an advisory capacity to the Administrator and work with the Enterprise Associate Administrators and NASA Center Directors to ensure that Agency activities are conducted in accordance with all statutory and regulatory requirements.

Before joining NASA, Pastorek was a partner in the New Orleans office of the regional law firm of Adams and Reese. He was in charge of the Special Business Services Practice Group, which practiced in the areas of employment and labor, governmental relations, intellectual property, health care, oil and gas, and environment and education.

Pastorek's primary civic involvement is in education, and he will play a role in many of NASA's institutional and education efforts. He currently serves as the president of the Louisiana State Board of Elementary and Secondary Education, as well as a number of other state boards and commissions.

Administrator Sean O'Keefe (right) congratulates Paul Pastorek after swearing him in as General Counsel.

"Paul brings vast educational experience to NASA," said Administrator O'Keefe. "His fresh perspective will be valuable to the future efforts of this Agency."

Shannon Lucid Named NASA Chief Scientist

Administrator Sean O'Keefe selected space veteran and NASA astronaut Dr. Shannon W. Lucid as NASA's Chief Scientist. In this position, Lucid will be responsible for ensuring the scientific merit of the Agency's programs.

The only woman to be awarded the Congressional Space Medal of Honor by the President of the United States, Lucid has supported Space Shuttle and International Space Station missions as spacecraft communicator, most recently for STS-110.

Lucid replaces Dr. Kathie Olsen, whom the President has announced his intention to nominate as the Associate Director of the Office of Science and Technology Policy (OSTP) in the Executive Office of the President.

A veteran of five Space Shuttle flights, Lucid was among the first six women selected to become an astronaut, and she currently holds the U.S. single mission flight endurance record as a result of her mission to the Russian space station *Mir* in 1996.

She was selected by NASA in 1978 and became an astronaut in August 1979. Lucid has flown as a mission specialist on STS-51G in 1985, STS-34 in 1989, STS-43 in 1991, and STS-58 in 1993.

In 1996, she was flown to *Mir* during STS-76, where she served as an engineer and conducted numerous life science and physical science experiments. When Lucid returned to Earth during STS-79, she had traveled more than 75 million miles and spent more than 188 days in orbit.

Minority Contractors Take Home NASA Honors

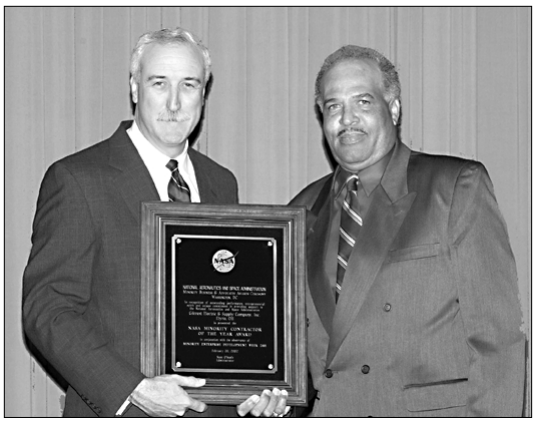
NASA honored three minority contractors for their innovative and outstanding contributions to the Agency's mission at the annual Minority Business and Advocates Awards Ceremony held on February 20 at Headquarters and broadcast on NASA TV with closed captioning.

At the event, NASA Administrator Sean O'Keefe made the award presentations and delivered his first "State of Small Business at NASA Address." Ralph C. Thomas III, Assistant Administrator for the Office of Small & Disadvantaged Business Utilization (OSDBU) served as master of ceremonies while Lamont Hames, Program Manager for Science, OSDBU, acted as host.

The NASA Minority Contractor of the Year, Gilcrest Electric & Supply Company, Inc., Elyria, OH, is a prime contractor to Glenn Research Center, supporting the Center's Facilities and Test Engineering Division.

The Minority Subcontractor of the Year, Muniz Engineering, Inc., Houston, TX, provides structural mechanical design and analysis, thermal and environment control systems, and systems engineering services to The Boeing Company, a prime contractor at Johnson Space Center.

The Women-Owned Business of the Year, SA Technologies, Inc., Marietta, GA, provides situational awareness research, decisionmaking and automation in aircraft, air traffic control and aviation maintenance services to Ames Research Center.



(l to r) Administrator Sean O'Keefe presents NASA's Minority Contractor of the Year award to Sam Gilbert, President and CEO of Gilcrest Electric & Supply Company, Inc., during the Minority Business and Advocates Awards Ceremony on February 20.

For information on the winners and the OSDBU, log on to **www.hq.nasa.gov/office/codek**

Mulville: NASA Highlights

Dr. Daniel R. Mulville, NASA's Associate Deputy Administrator since 1999, served as Acting Administrator from November 19-December 21, until Administrator Sean O'Keefe was confirmed. One of his most memorable experiences during this period was attending the launch of the STS-108 mission which carried the Expedition Four crew to the International Space Station and flags to honor the victims of the September 11 terrorist attacks.

"The launch of STS-108 made me very proud to be working at NASA," Mulville said. "It was an incredible experience. You realize what an outstanding job NASA does in launching the Shuttle .... And particularly in the Acting Administrator role, you feel a closer association to the entire workforce and responsibility for the success of the mission."

Dr. Daniel Mulville accepts the Marine Corps flag retrieved at the site of the September 11 attack on the Pentagon from a Marine Corps official. The flag was then flown on STS-108 in December as part of NASA's Flags for Heroes and Families project to honor the victims of September 11.

"Mulville" continued on page 11

Retirements

Bunner

Green

Peterson

Keegan

Alan Bunner, Theme Scientist, Structure and Evolution of the Universe, Office of Space Science, retired after 16 years at Headquarters. Following an exciting career as an astrophysicist and space scientist, Bunner said, "I think I have other skills and talents to offer the world. I'm looking forward to taking on new avocations: genealogy and local history, researching and publishing a number of family histories, singing in the up-and-coming Windmill Hill Chorale, as well as biking, traveling, and other hobbies."

Danalee Green, former Director, Management Assessment Division, Office of Management Systems retired with 34 years of Government service, including 30 years at Headquarters. Danalee, has transitioned from an IPA assignment at the University of Maryland, College Park, to a part-time assignment at the University. She plans to continue running, biking, and traveling the world.

Catherine Higdon, a Contract Specialist/ Contracting Officer, NASA Management Office–Jet Propulsion Laboratory, has retired. Her Government career included 13 years at Headquarters and over 11 years with the Office of Naval Research in Pasadena, CA. Catherine plans to spend more time with her three grandchildren.

Gloria Taliaferro, Logistics Management Specialist, Office of Management Systems, has retired from NASA after working at Headquarters for 35 years, with a total of 37 years in Government. Gloria's plans include travel and doing community work with the elderly.

Malcolm L. Peterson, the NASA Comptroller for the last 9 years, retired March 31, after almost 33 years of Federal service, the last 30 with NASA. He served as the lead for the independent Space Shuttle assessment team in Code B, conducted many independent cost estimates of the Space Station, and was the Deputy for the Space Station Redesign Team. His honors include the Distinguished Service Medal, Outstanding Leadership Medal, and the Senior Executive Service Distinguished and Meritorious Rank awards. He will continue to be involved with NASA during a transition period, working on special projects at the request of the Administrator.

He plans to spend more time with his wife, Ellen, and his three grandchildren, as well as improving his golf scores, particularly what he calls his "unbelievably inept short game."

W. Brian Keegan will resign as NASA's Chief Engineer, effective April 3, ending a 36-year career with the Agency. As Chief Engineer since February 2000, Keegan is responsible for overall review of the technical readiness and execution of all Agency programs.

Keegan first joined NASA in 1966 as a structural engineer at Goddard Space Flight Center. In 1986, he was selected as the Deputy Director of Flight Assurance at Goddard. In 1994, Keegan was appointed the deputy Director of Engineering. He served as Goddard's Director of Applied Engineering and Technology from 1997 to 2000.

Keegan has no immediate plans, though he said he's looking forward to a 3-week vacation in France with his wife, Charlotte.

Ericsson Honored by Medgar Evers College

Dr. Aprille Joy Ericsson, a NASA engineer committed to mentoring minorities and females in math, science, and engineering, was honored by Medgar Evers College, City University of New York. In recognition of her efforts and achievements, Ericsson received an honorary doctor of science degree on December 5.

Ericsson, an aerospace engineer at Goddard's Guidance Navigation and Control Center. is currently detailed to Headquarters, working under Mary Cleave, Deputy Administrator for the Office of Earth Science Enterprise (ESE). She is assigned to Code YF, serves as Program

"Ericsson" continued on page 9

Increasing Security Agencywide

Michael Braukus, Office of Public Affairs

One of the first things David Saleeba did after taking the helm as Assistant Administrator of the Office of Security Management and Safeguards (Code X) was to tour the Headquarters building looking for weaknesses in security. A former Secret Service agent, Saleeba's investigative experience immediately led him to inspect the paper recycling boxes. In them, he found material that was being disposed of improperly.

This discovery reinforced to Saleeba the need for a comprehensive Agencywide Operations Security (OPSEC) program. The person Saleeba tasked to develop and coordinate this program for NASA is Ike Hendershot, Director of Special Programs.

Hendershot, also a former Secret Service agent, said, "The ultimate goal of OPSEC is to deny an adversary critical organizational information that is not intended for disclosure. This does not mean that the OPSEC program would prevent the appropriate sharing of data, facts, knowledge, technology, or scientific accomplishment. However, many agencies don't always realize how much critical information they are actually giving away by predictable behavior, casual conversation, routine messaging, Internet exchange. and refuse disposal. Careful attention must be applied to what is revealed. Failure to do so could provide adversaries with the information they need to compromise the agency for embarrassment on the one hand and to execute terrorist acts on the other."

Hendershot said a viable and complete OPSEC Program will increase operational effectiveness and safeguard efficiency by preventing the inadvertent compromise of classified and/or unclassified but sensitive information concerning the Agency's activities, capabilities, intentions, and personnel.

According to Hendershot, OPSEC is a training and awareness program, not a faultfinding process. It does not replace other security disciplines; it supplements them. For an agency to operate successfully, employees must be aware of their daily activities, and those of others that may reveal sensitive employee and agency information or classified activities. Ideally, a comprehensive NASA-wide OPSEC program will help prevent or negate these vulnerabilities. The OPSEC program also can benefit NASA employees and their families. Employees can take the knowledge learned from the program and use it to protect themselves from identity theft and other forms of theft.

The new NASA-wide OPSEC program will formulate program policy, and establish, coordinate, and administer training and awareness programs, alerts, briefings and workshops. In addition, advice will be provided and assistance will be offered in the following areas:

- Identification of critical NASA organizational information
- Threat analysis
- Vulnerability analysis
- Risk assessment
- Countermeasures

Hendershot suggests that a good start for the OPSEC program would be for all employees to insure proper disposal of waste in and around their work areas. Classified material should be shredded. In addition, sensitive material should be either shredded or placed in an authorized container (burn bag) for burning.

The OPSEC program can only add to the outstanding reputation NASA enjoys in the pursuit of excellence as a Federal agency. Remember, OPSEC is a lifestyle!

For additional information or for questions or concerns, please feel free to call or visit the Headquarters Security Management Office, 358-2010.

"Ericsson" continued from page 8

Executive to the ICESat and SORCE missions, and is a member of several strategy teams.

Ericsson serves as a mentor for students in math and science. She feels it is important to interest young people in math and science at an early age and to maintain that interest through the years. She is a member of the NASA GSFC Speakers Bureau and the Women of NASA group.

Career Development Forum 2002

Keynote speaker Marcia Steele "reaches out" to the audience.

With the sound of the Jamaican "steel" drums playing softly in the background, Vicki Thorne, Director, Career Management Office, kicked off the First Annual Career Development Forum. Timothy Sullivan, Acting Director, Headquarters Operations, and the NASA Administrator, Sean O'Keefe provided opening remarks. Marcia Steele, a Jamaican native and author of *Making It in America — What Immigrants Know and Americans Have Forgotten,* was the key note speaker. Her topic was "From Success to Significance with Leadership and Legacy."

In keeping with the event theme "The ABC's of Navigating Your Career at NASA," the Forum showcased the training and development tools and resources available to Agency employees. The workshop speakers offered advice, sometimes through humor, to remind employees not only how to take charge of their careers, but that they are responsible for their own careers. The story-telling panelists shared their own experiences in attaining their own career goals. All events were well received and the forum certainly lived up to everyone's expectations.

Time and Labor Collection System: No More Time Cards!

Deployment of the Time and Labor Collection (TLC) System and employee training was completed at NASA Headquarters in November 2001. TLC is a web-based application that resides behind the firewall, and automates the payroll process from point of entry to delivery of the paycheck. TLC time sheet data is transferred to the NASA Personnel and Payroll System (NPPS) located at Marshall Space Flight Center and then on to the Treasury Department. This new process eliminates the extended time required to print and distribute, complete and approve, submit, and maintain paper time sheets.

Some process changes have taken place within the Payroll Office and the Headquarters community.

The system depends upon a consistent and quality flow of information from the Personnel Office to the Payroll Office, and from the employee to the timekeeper, and from the certifier to the payroll administrator. Future enhancements for processing leave requests and submitting amended time sheets will also result in process changes, all intended to provide improved payroll services.

Better Decisionmaking Through Intuition

Evelin Saxinger, WorkLife Program Manager

Today's environment requires fast, accurate decisionmaking. And while many leaders won't acknowledge it, intuition plays a key role in their ability to make good decisions quickly.

How can we utilize intuition? It's simple. Learning to trust our instincts is the first step. We have a ready-made inner guidance system that automatically shows us the way, if we'll only listen.

Practice Listening to Your Intuition

Everyone receives intuitive information. Like any skill, the more you practice, the better you'll become. How do you receive intuition? Perhaps it's a flash of insight, a knowing feeling, words that pop into your head, or a bodily sensation. Successful leaders describe it as knowing something immediately without analyzing it first.

Slow Down and Relax

If you are relaxed and open to receiving valuable insights, they are more likely to occur. When you need to make a decision, stop, take a deep breath or two, reflect on the issue or question, and allow impressions to come to you. They are usually subtle, so pay close attention to any images, words, emotions, or physical sensations.

Is Your Path Clear?

Do you know what you want (rather than what you don't want)? Identifying a clear goal or desired outcome is critical. Once you know where you want to go, your intuition can help you get there.

What Excites You?

Passion and excitement are intuition's calling cards. If a particular decision leaves you feeling bored or drained, that's a message saying, "Don't go there!" Energy and enthusiasm are your intuition's way of giving you the green light.

Go With Your Gut

Pay attention to gut feelings like, "I knew I should have …" or "I have a bad feeling about …." These clues can help you make better decisions.

Put It in Writing

Write down your thoughts. Don't stop to analyze them, just jot them down as they come to you.

Two unique characteristics of great leaders are the ability to make decisions with very little information (or at least less than others need) and the ability to be comfortable in ambiguous situations. Harnessing garden-variety intuition can help all of us tap into the same power that highly intuitive people use to make decisions every day.

"Mulville" continued from page 7

As Deputy Associate Administrator, Mulville is responsible for planning, directing, and managing the daily operations and transformation activities of the Agency, including the Strategic Resources Review process.

From 1995 to 1999, Mulville served as NASA's Chief Engineer. He was Deputy Chief Engineer from 1994 to 1995.

Mulville served as Director, Engineering and Quality Management Division, Office of Safety and Mission Assurance from 1990 to 1994. He was Deputy Director, Materials and Structures Division, Office of Aeronautics and Space Technology, from 1986 to 1990.

Before joining NASA, Mulville served as the Structures Technology Manager at the Naval Air Systems Command from 1979 to 1986 and program manager for development of composites for the AV-8B, F/A-18, and advanced aircraft and missile programs. Earlier he served as program manager for Structural Research at the Office of Naval Research and as a mechanical engineer at the Naval Research Laboratory.

hqclassifieds

For Sale

Samsonite Briefcase, 5-inch, ribbed ABS, piano hinge, double locks, $25. 703-869-6801.

Notices

The 19th Annual Headquarters Secretarial/Clerical Awards ceremony and luncheon will be held Tuesday, April 13, 11:30 a.m., in the Holiday Inn Capital–Columbia Ballroom. This ceremony recognizes HQ secretarial, clerical, technical, and assistant staff. To purchase tickets by April 9, contact Marian Beverly, 358-2318; Beth Craig, 358-1601; Iona Butler, 358-0558; or Diane Johnson, 358-2353.

Thank You

Once again I must give a huge thanks to all my "NASA friends" at HQ for the support provided to me during my recent surgery. I sincerely appreciated the generous donations of leave, the telephone calls, and the thoughtful cards that I received while I was recuperating. It was so nice to see how many people truly cared. —Delores McClung

Thank You

I would like to express my deepest gratitude to everyone who has donated leave to me during my ongoing illness and recent broken ankle. Your leave has helped me more than you will ever know. Thank you. —Susie Marucci

obituaries

Jacqueline Benjamin-McCalip

Chief Fred Bushyhead

Claude Smith

Jacqueline Benjamin-McCalip, known to her friends and colleagues at Headquarters as Jackie Benjamin, passed away suddenly on November 26, 2001. She was 51 years old.

Jackie was a secretary in the Office of Small and Disadvantaged Business Utilization throughout her career and was considered an integral part of her organization's success. She first worked under the direction of Eugene Rosen and, most recently, under Ralph Thomas. She began her Government service at Headquarters in July 1978.

In 1991 she received the Space Flight Awareness Award, and in 1992 she was named NASA's Secretary of the Year.

Her passing saddened both her many friends here at NASA and outside the Agency, who remember her kindness and support over the years.

Jackie was a resident of Northeast, Washington, DC. She is survived by three daughters: Ericka Robinson; Aubreena Benjamin; Aukima Benjamin; four grandchildren; and one brother. Her husband, Alvin J. McCalip, is deceased.

Chief Fred Bushyhead, Southern Cheyenne, of Virginia Beach, Virginia, died on March 5, 2002, in Norfolk, Virginia, after a long battle with cancer. He is survived by his wife, Greyfox, and their children.

Chief Bushyhead worked tirelessly to preserve his own tribal traditions and those of other Native American tribes. He was well known at Headquarters for the many powwow ceremonies he performed here and his eagle dance. He will also be remembered as a vendor and for the memorial peace pipe and pouch he gave to NASA HQ now on display. Chief Bushyhead was a medical technologist and a Vietnam-era veteran of the U.S. Air Force.

Claude Smith, Jr., an Aerospace Engineer in the Office of Safety and Mission Assurance (OSMA), passed away at his home on November 28, 2001, after an extended illness. He is survived by his wife, Ann, his son, and one grandson.

Claude was born in Beckley, West Virginia. He graduated from the West Virginia Institute of Technology with degrees in electrical and mining engineering. Early in his career he worked in the mining and metals industries in West Virginia and then as a safety engineer and a quality engineer for the U.S. Army.

Claude came to NASA in 1991 as a Material and Processes Manager in the Space Station Freedom Program Office in Reston. He joined OSMA in 1994. He was instrumental in updating NASA's safety standards for oxygen and hydrogen and worked to convert these to commercial standards. His extensive knowledge in the field of testing and explosives enabled the Agency and the National Space Development Agency of Japan (NASDA) to better understand the near and far field blast effects from large quantities of mixed hydrogen and oxygen, modernizing NASA's explosive safety standards and harmonizing them with those of the Department of Defense. He also worked to improve the safety of Space Shuttle ground operations and on X-vehicle program safety and mission assurance assessments and managed the NASA Safety Reporting System.

Claude Smith is remembered as a consummate professional, known for his dedication to safety, professional integrity, engineering proficiency, and the plain down-home common sense that made him such an important member of the NASA team and the Agency's S&MA community.